

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Response Under 37 C.F.R. § 1.116 Expedited Procedure**

**In re application of:** Blackshear *et al.*

**Application No.** 10/511,362

**Filed:** October 15, 2004

**Confirmation No.** 3754

**FILED VIA EFS**

**For:** COMPOSITIONS AND METHODS FOR  
DIAGNOSTICS AND THERAPEUTICS  
FOR HYDROCEPHALUS

**Examiner:** Quang Nguyen, Ph.D.

**Art Unit:** 1633

**Attorney Reference No.** 4239-64828-02

FILED VIA THE ELECTRONIC FILING SYSTEM  
UNITED STATES PATENT AND TRADEMARK OFFICE

**AMENDMENT AND RESPONSE AFTER FINAL ACTION**

This Amendment is submitted in response to the Final Office action dated April 24, 2009, for which a three-month period for reply was set, making a response due on or before July 24, 2009. The Director is hereby authorized to charge any fees that may be required, or credit any overpayment, to Deposit Account No. 02-4550.

**Amendment to the Specification** is on page 2.

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 3.

**Remarks** begin on page 12.

An electronic copy of a replacement Sequence Listing (.txt) is submitted herewith.